

**METHOD FOR DETERMINING A CONNECTION PATH IN A  
COMMUNICATIONS NETWORK BETWEEN TWO ADJACENT NETWORK  
NODES**

Abstract

In order to authorize a connection on a trunk group comprising a plurality of trunks between two adjacent network nodes, a search algorithm determines the trunk on which this connection can still be accommodated. To do this, a classification of this new connection is first carried out, according to which different search cycles are instigated, with which a trunk with adequate free residual transmission capacity is determined. If the search is unsuccessful, the connection is rejected.